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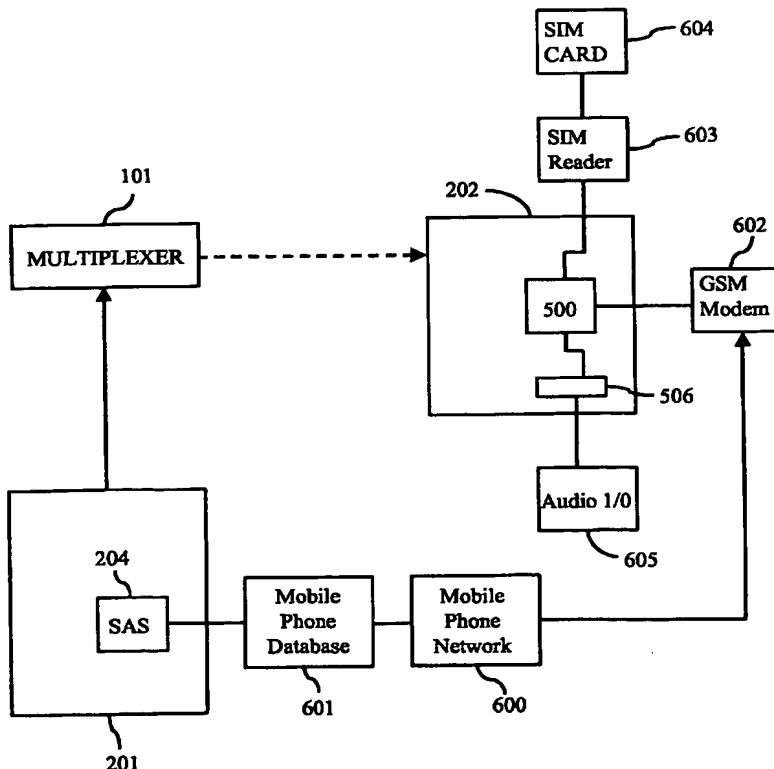
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(54) Title: **MESSAGING OVER MOBILE PHONE NETWORK FOR DIGITAL MULTIMEDIA NETWORK**



(57) Abstract: A method for distributing a message from a message administration service (204) to a subscriber receiver decoder (202) of a digital multimedia network comprises transferring a determined message for a determined receiver decoder from the message administration service to a point to point communication system (601, 600; 700) distinct from the multimedia network. A destination point address of a receiver in the point to point communication system (701) is determined, corresponding to the determined receiver decoder. The determined message is buffered in the point to point communication system, and retrieved (709) at the determined receiver decoder from the receiver.

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— with amended claims

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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AMENDED CLAIMS

[Received by the International Bureau on 01 Jul 2004 (01.07.04):
Original claims 1- 13 replaced by amended claims 1-12]

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Original claims 1- 13 replaced by amended claims 1-12]

1. A method for distributing a message from a message administration service (204) to a subscriber receiver decoder (202) of a digital multimedia network, the method comprising :

- 5 • Transferring a determined message for a determined receiver decoder from the message administration service to a point to point communication system (601, 600 ; 700) distinct from the multimedia network, the determined message comprising an Entitlement Management Message (EMM),
- Determining a destination point address of a receiver in the point to point communication system (701), corresponding to the determined receiver decoder,
- 10 • Buffering (703, 707) the determined message in the point to point communication system,
- Retrieving (709) at the determined receiver decoder the determined message from the receiver.

2. The method from claim 1, further comprising

- 15 • Buffering (703) the determined message at an emitter point in the point to point communication system, corresponding to the message administration service,
- Generating a signal of availability at the receiver (702),
- Triggering for emission of the determined message on reception of the signal of availability (706),
- 20 • Emitting the determined message to the receiver (706).

3. The method according to anyone of claims 1 or 2, further comprising

- Receiving at the receiver the determined message,
- Buffering (707) at the receiver the determined message.

4. The method according to anyone of claims 1 to 3, further comprising

- 25 • Generating a confirmation of receipt (710) at the receiver,
- Emitting the confirmation of receipt (710) to the emitter point.

5. The method according to claim 4, in which the confirmation of receipt comprises one or a plurality of items of additional information from following set : a status of the receiver decoder, a status of a daughter smartcard used with the receiver decoder, a version number of
30 an element of the receiver decoder.

6. The method according to claim 5, further comprising
- Extracting an item of additional information from the confirmation of receipt,
 - Evaluating the item of additional information to determine a legal status of the receiver decoder.
- 5 7. The method according to anyone of claims 1 to 6, in which the point to point communication system is a mobile phone network.
8. The method according to anyone of claims 1 to 7, the message administration service being comprised in a Subscriber Authorization System.
9. A method for receiving a determined Entitlement Management Message (EMM) at a
10 determined subscriber receiver decoder in a digital multimedia network, the determined subscriber receiver decoder being enabled to receive information through a mobile phone communication network distinct of the digital multimedia network, the method comprising
- Receiving (706, 707) in a mobile phone modem of the receiver decoder a message
15 containing at least the determined EMM, the message being addressed specifically to the mobile phone modem of the determined receiver decoder,
 - Storing (707) at least the EMM in a storage of the mobile phone modem.
10. The method according to claim 9, further comprising retrieving (709) the EMM from the storage into the determined receiver decoder.
11. A receiver decoder for a digital multimedia network, the receiver decoder comprising
20
- A mobile phone modem operatively connected to the receiver decoder,
 - A destination point address uniquely attributed to the mobile phone modem,
 - A storage space in the mobile phone modem to store at least an Entitlement Management Message (EMM).
12. The receiver decoder according to claim 11, wherein the mobile phone modem may
25 receive the EMM from the mobile phone network and store the EMM independent of a status of the receiver decoder.